VELO MINI

Owner's Manual

Please read completely before riding

Thanks for Joining the VeloMini Family

The VeloMini represents the latest technology in light-weight folding electric bicycles. The powerful 180 watt motor will transport you with speeds up to12 mph without pedaling. It folds to 18 inches high and fits into its own carrying case. The VeloMini is powered by a Lithium-Ion battery hidden in the durable anodized aluminum frame.

The VeloMini is the right electric bike for your life style. Whether you live in the suburbs, the city, on campus, or near the water, the VeloMini will make getting around in style a little easier, and a lot more fun. VeloMinis are small, light weight,versatile, convenient, and durable.

The VeloMini is a true hybrid vehicle. It can be powered by the electric motor, by pedaling or any combination of the two. For greater speed use the throttle, for hills and greater distance, combine pedaling and throttle. For exercise, turn the motor off and pedal.

Please read the manual completely before riding the bike. Although your VeloMini will come with a partial charge, for best battery life charge it fully before your first ride. We recommend that you assemble the VeloMini and charge it fully while reading the manual.

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VeloMini Layout

IFICATIONS

31 lbs
Speed
18" high
180 watt Brushless Hub Motor
24v, 7AH Lithium-ion, 140 watt hours
5-12 Miles*
ight: Warranted up to 210lbs
ed: 12 mph
nse, Registration, Required
g: Under 3 hrs
s: Case, Carry Strap, Charger, Tool Kit, Manual

pending on rider weight and conditions

Quick Assembly Guide

Suggestion: Follow set-up instructions to assemble bike. Charge bike while reading balance of manual. If you are not experienced with bicycles, you may want to bring your VeloMini to a local bicycle shop for assembly and adjustments.

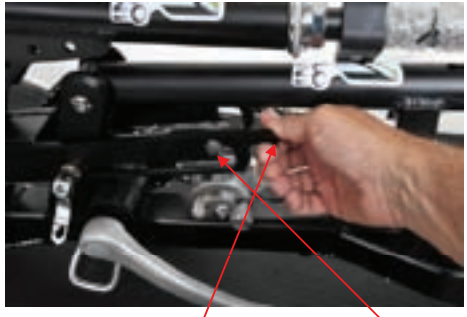
1. All VeloMini bikes come with a manual, carrying case, charger, tool kit, and strap.

2. Remove all accessories and VeloMini from box. Make sure you remove charger from packing material.

3. Undo twist tie and remove bubble wrap before trying to lift seat post.

4. Loosen quick release 25. Note the quick release is in a lock channel.

Quick Assembly Guide con’t.



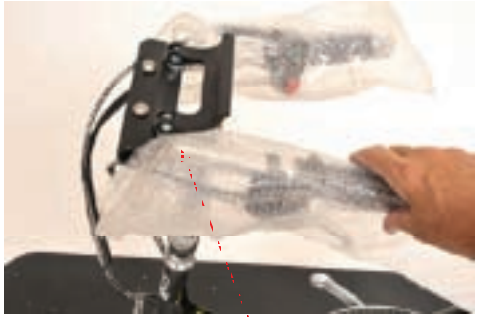
5. Lift folding lever 23 to get quick release 25 in adjustment channel.

6. Lift folding frame 24 and remove bubble wrap.

7. Make sure the quick release 25 is in safety channel and lock release.

8. Left seat support frame 8 and make sure rear hinge pin 35 is locked in safety channel.

Quick Assembly Guide con’t.



9. Open handle bar release 3, remove bubble wrap and spread handle bars 1 to fit into handle bar support.

10. Rotate handle bars 1 to get an angle you are comfortable with. Insert handle bars until line is about ½ inch out from handle bar support.

11. Push down on the handle bar release 3 to tighten handle bars into position.

12. If handle bars can still rotate or if the handle bar release cannot go down completely, open the handlebar release and adjust the handle bar adjustment nuts 5.

Quick Assembly Guide con’t.

13. Insert seat post 39 and ensure the seat height does not exceed the maximum seat height marker 40.

14. Rotate the front protecting block 10 to be parallel with the seat frame so that it will rest on the seat tube when it is re-folded.

15. Using the wrench included in the tool kit insert pedal 26 and tighten firmly in a clock wise direction. Next tighten other pedal already in crank.

16. Plug charger into VeloMini and then plug into wall. A red light on the charger shows if the bike needs charging. **When the light turns green and you have read the manual you are ready to ride.**

Safety Warnings

Read the manual completely before assembling and riding.

FAILURE TO USE COMMON SENSE AND HEED THE FOLLOWING WARNINGS INCREASES RISK OF SERIOUS INJURY. USE WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO SAFE OPERATION.

Riding any bicycle can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other electric vehicles, the VeloMini can and is intended to move, and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur, you can be seriously injured or die, even when using safety equipment and other precautions. RIDE AT YOUR OWN RISK AND USE COMMON SENSE. This manual contains many warnings and cautions concerning the consequences of failing to maintain, inspect or properly use your VeloMini. Because any incident can result in serious injury or even death, we do not repeat the warning of potential serious injury or death each time such a possibility is mentioned.

APPROPRIATE RIDER USE AND PARENTAL SUPERVISION

This manual contains important safety information. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics and assure especially that young riders are able to safely and responsibly use this product. The manufacturer recommends that you periodically inspect your VeloMini and review and reinforce the information in this manual.

The recommended rider age is 16 and older. Please check the laws in your area for electric bicycles and abide by them. Any rider unable to fit comfortably on the VeloMini should not attempt to ride it. **DO NOT EXCEED THE WEIGHT LIMIT OF 210 Pounds.** Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of the VeloMini.

In most states electric bicycles are considered bicycles and not motorized vehicles. Your insurance may not provide coverage for theft or accidents. Contact your insurance company or agent for details on your policy.

ABLE RIDING PRACTICES AND CONDITIONS

Always check and obey any local laws or regulations which may affect the locations where the VeloMini may be used on public property.

Ride defensively. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Be careful to avoid pedestrians, skaters, skateboards, scooters, bikes, children, animals or other obstructions that may enter your path, and respect the rights and property of others. Maintain a hold on the handlebars at all times with both hands. Never carry passengers or allow more than one person at a time to ride the VeloMini. Keep your fingers and other body parts away from the drive chain, steering system, wheels and all other moving components. Never use headphones, ear buds or a cell phone when riding.

The VeloMini is intended for use on solid, dry surfaces such as pavement or level ground without loose debris such as rocks or gravel. Never use near steps or swimming pools. Wet, slick or uneven and rough surfaces may impair traction and contribute to possible accidents. Do not ride the VeloMini in mud, ice, rain, puddles or water. Failure to do so can result in electrical and drive component damage which will not be covered under warranty. Avoid excessive speeds that can be associated with downhill rides, Due to the small tire size, it is not recommended to ride at night or when visibility is impaired. If you do ride at night make sure you have proper front and back lighting installed on the bike for viewing the road surface and for being seen by others.

PROPER RIDING ATTIRE

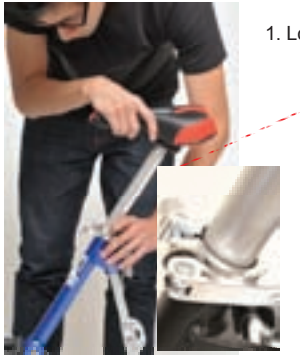
Always wear proper protective equipment such as an approved safety helmet. A helmet may be legally required by local law or regulation in your area. Always wear shoes, never drive barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

USING THE CHARGER

Use only with the recommended charger. The charger supplied with the VeloMini should be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, replace charger. Use caution when charging. The charger does have an auto turnoff feature. However do not leave it plugged for extended periods of time. Do not exceed charging time. The charger is not a toy. Charger should be operated by an adult. Do not operate charger near flammable materials. Unplug charger and disconnect from the battery operated product when not in use. Always disconnect from the charger prior to wiping down and cleaning your scooter with liquid.

Folding Instructions

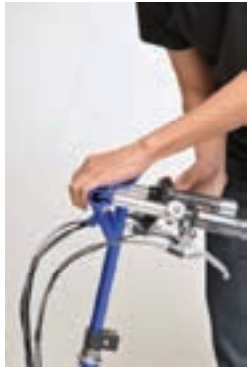
Suggestion: Follow these steps to making folding your VeloMini fast and easy.



1. Loosen seat release 38 and extend until you can see the bottom of the post in the slit on the seat support frame 8. Tighten seat release 38.

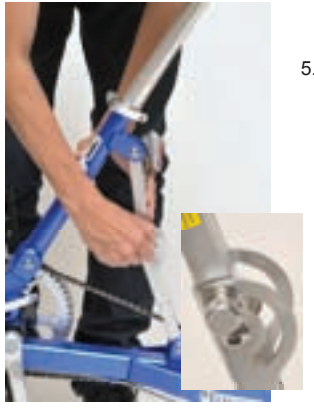
2. Fold pedal 26 by pushing the pedal in towards the frame and pushing up or down. Repeat on other side.

3. Lift handle bar release 3, pull handle bars 1 out from handle bar release and fold in. Do not force the handle bars.



4. Push handle bar release 3 down to hold handle bars in folded position. Do not force handle bar release down. If it will not go, open the release and loosen the handle bar release nuts 5 under the handle bars. Try again and repeat process if necessary

Folding Instructions con't.



5. Pull out rear hinge pin 35 and fold rear support 36 just enough to keep the pin from locking in the safety channel.

6. Loosen quick release 25. While lifting up on the folding lever 23 push the handle bar support forward. This will assist you with removing the quick release from the safety channel and positioning it into the long folding channel located below the safety channel

7. Fold the seat support frame 8 down until it stops. Next fold the front frame 24 down until the front frame rests on the seat support frame. You may have to widen the handle bars 1 to keep them from hitting the bike. For placing in carrying case, remove seat and post.

8. Tighten quick release 25 and you are done. You can transport the bike by picking it up by the front frame at the VeloMini logo, by picking up the at the seat and wheeling it, by adding the carry strap to carry strap loop 6 and 13 or by putting in the supplied carry case.

Adjustments Before Riding

1. Check both Handle bar Allen nuts 5. to ensure they are tight.

3.Ensure this Allen head nut on the Head Stem Set 7.is tight. If the handlebars are not aligned properly with the front wheel this nut can be loosened so as to twist the bars – then tighten.

2 Loosen seat position adjusters 41. which allows the saddle to be leveled, and pushed forward or aft to meet the rider's needs. It is recommended to level the saddle, and to place the rail roughly in the middle.

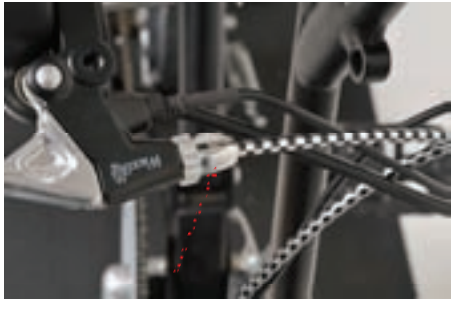
4. The VeloMini accepts the North American standard Schrader type air hose nozzle. Do not exceed the max. pressure listing on the side of the tire.

Adjustments Before Riding, con't.

1. Follow the recommended maximum air pressure stated on the side wall of the tire; it is expressed in lbs, and bars.

2. The adjustment screw on this side evens out the pressure of the rubber brake pads on the rim. Please refer to the VeloMini website for more details.

3. Make sure this Allen head screw is secure. To remove the front tire, it will be necessary to detach the brake stopper.



4. There is a barrel adjuster on each of the front and rear brake levers. Turning the adjuster will either strengthen or weaken the actuation of the brake. Only attempt after viewing the VeloMini website details.

Operating Instructions

1. After VeloMini is fully charged, press red button to turn on motor.
2. All three lights will be illuminated when fully charged.
3. To engage the motor, pedal 2-3 times and then rotate the throttle 4, gently towards you. The VeloMini has a lot of torque so be ready to apply the brakes until you are used to the power curve. Be ready for wheel spin on gravel, dirt, wet pavement or on a steep hill. Do not use power in a turn until you are used to the torque.
4. The VeloMini has four ways of propulsion:
    1. As a bicycle, for extended range.
        1. Pedal only without the motor turned on
    2. Pedal Assist: next best for range
        1. Motor on, pedaling and no use of throttle
    3. Throttle and pedaling combined, third best for range
    4. Throttle only. Shortest range

5. Press the red button to turn off motor when not in use
6. On hard acceleration or up hill the green light will go out even if you have a full charge. As you are using the VeloMini the green light will eventually stay off and the yellow will be on. This shows you have about 1/2 power remaining. Once the yellow light stays off and the red light is on, the power is almost used and you should use motor as little as possible until you can recharge it. Always charge the battery as soon as possible once you have run it all the way down.

Maintenance & Charging

- Only use the charger supplied with the VeloMini. Any other charger will void the warranty.
- Check your local voltage to ensure it conforms with the charging voltage.
- Attach the charger to the VeloMini first and then plug it into the charging source.
- The red light will appear during charging. The green light will appear upon full charge.
- When finished charging, unplug the charger from the socket first and then from the VeloMini.
- Keep charger away from combustibles and liquids. Do not cover it.
- The Lithium-Ion battery does not have a memory so for maximum life keep the battery fully charged at all times. Do not leave the battery discharged for longer than 24 hours since it will begin to degrade battery life.
- When storing the VeloMini, store with a fully charged battery in a dry cool location. For maximum battery life, charge the battery every couple of weeks.
- Do not expose the VeloMini to strong static electricity or magnetic fields.
- If the battery or motor becomes deformed, or smells, discontinue use immediately.
- The battery should take between 1-3 hours to charge. Avoid leaving the battery charger plugged in for longer than 12 hours at a time. The charger is designed for indoor use only.
- Keep the space between the VeloMini frame and the battery clean and dry. Never ride in water higher than the tires. Do not leave the VeloMini in the rain for an extended period of time.
- Check tires regularly and ensure the pressure is maintained to 40lbs.
- Check and adjust brakes regularly.
- Every six months add lubricating oil to the chain.
- Clean frame with car wash or other mild soap. Dry VeloMini as soon as possible if it gets wet.
- Do not subject the VeloMini to severe shock or vibration.

Trouble Shooting

Trouble	Symptom	Solution
I turn the power on but the lights do not come on and the motor does not work.	I. The voltage of the battery is too low. The battery management system (BMS) cut off the power to protect the battery. 2. The plug or socket is dirty. 3. The charger was not plugged in.	I. Charge immediately. 2. Check and clean socket and charge. 3. Plug in.
After I turn it on, the power light is on but the motor does not work.	1. Check the motor cable to ensure it is in good condition. 2. Auto motor cut off on brakes is stuck.	I. Check cable to ensure it is not loose. 2. Ensure brake levers are in the correct position. Move cable on brakes closest to handle bars to un-stick cable. Close brake levers a few times to un-stick cables.
I. After turning on the power switch, the motor runs. **(Warning: turn off the power immediately.)**	I. The throttle is not in the right position. 2. The controller is broken.	I. Check to ensure throttle is in the correct position. 2. Replace the controller.
The speed is slow and does not run far after charging.	I. Tire pressure may be low. 2. The slope may be too steep or the person too heavy. 3. The battery may be old or not maintained properly.	I. Inflate the tires. 2. Use pedals or walk the bike. 3. Replace the battery.

Warranty & Service

- Your VeloMini is warranted to be free of defects for: one year on frame, electronics, and cables, six months on battery and motor, (motor and battery will perform well for many years if properly used and maintained.) tires, brakes, inner tubes, or grips are not covered under the warranty.
- Keep original packing in case your VeloMini needs to be returned for service, refund or replacement. All returns for refunds must be made within the first 10 days of ownership and must be in the original box and in new condition.
- For return or repair authorization, email: service@velomini.com. Include your contact information, where and when the VeloMini was purchased and what the problem is. You will receive an email with follow up instructions.
- If you purchased your bike from a local dealer, return the bike to the dealer for service. If there is a problem with a tire, wheel, seat, pedal, cable or brakes, most independent bicycle stores can repair or replace these items.

Product Registration

Name: Date of purchase:

Model Number: Serial Number:

Place purchased: Purchase Price:

Address: City: State: Zip:

Phone Number: Email Address:

Scan and email to: sales@velomini.com

Or photo copy or cut off and mail to: VeloMini, 2070 Homestead Rd
Santa Clara, CA 95050 USA

[ ] Check here if you included a copy of your invoice for us to keep on record in case of warranty service

Trim here if mailing warranty registration card

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